

LISTING OF THE CLAIMS

A complete listing of the claims is provided below. This listing of claims will replace all prior versions and listings of claims in the application.

1. A container manager, comprising:

a housing comprised of a plurality of sidewalls bearing a removable lid, forming a container having a closed interior while said lid is in complete engagement with said housing, and providing an open interior able to removably receive items within said open interior while said lid is dislodged from said complete engagement;

a port borne by said housing to accommodate conduction of transmission of data signals between said closed interior and an environment external to said housing;

a control stage comprised of a memory storing information specific to said container, said control stage being mounted entirely within and being completely encased by said container during said complete engagement, and being operationally coupled to provide communication with said interior via said port, and generating a control signal in dependence upon disposition of said port relative to a source of said data signals, in dependence upon disposition of said container within a scheme for generation of said data signals, and in response to occurrence of a coincidence between a data key received among said data signals via said port and a data sequence obtained by said control stage in dependence upon said information stored within said memory; and

a moveable latch disposed to engage said lid and hinder removal of said lid from said complete engagement, and to respond to said control signal by releasing said lid from said complete engagement.

2. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising a socket mounted within said housing providing said port.

3. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising an infrared receiver mounted within said housing providing said port.

4. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising an antenna mounted within said housing providing said port.

5. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:
a microprocessor based host computer operationally coupled to said controller via said port, generating said data key; and a data cable coupling said host computer to said port.

6. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:
a microprocessor based host computer operationally coupled to said controller via said port, generating said data key; and
a local area network coupling said host computer to said port.

7. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:
a microprocessor based host computer operationally coupled to said controller via said port, generating said data key;
said port comprising a first antenna mounted on one of said sidewalls;
a data transceiver connecting said first antenna and said controller; and
a second antenna driven by said host computer, operationally connecting said host computer to said first antenna.

8. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:
a microprocessor based host computer operationally coupled to said controller via said port, generating said data key;
an infrared transmitter driven by said host computer to broadcast an infrared signal corresponding to said data key; and
an infrared receiver mounted in one of said sidewalls, disposed to receive said data key from said infrared transmitter.

9. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data key;
a first infrared transmitter and receiver driven by said host computer to broadcast an infrared signal corresponding to said data key; and
a second infrared transmitter and receiver mounted on one of said sidewalls, disposed to receive said data key from said infrared transmitter, and to transmit operational communications from said controller to said host computer via said first infrared transmitter and receiver.

10. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:

said controller generating an alarm signal in response to an unauthorized interruption of said communication via said port; and
an alarm driven by said controller to broadcast an indication of said unauthorized interruption in response to said alarm signal.

11. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, periodically making a determination of whether said an unauthorized interruption of said communication has occurred; and
an alarm driven by said host computer to broadcast and indication of said unauthorized interruption dependence upon said determination

12. (Currently Amended) The container manager of claim 1, further ~~comprised of~~ comprising:

said controller generating an alarm signal in response to an unauthorized interruption of said communication via said port;
a first alarm driven by said host computer to broadcast an indication of said unauthorized interruption in response to said alarm signal;
a microprocessor based host computer operationally coupled to said controller via said port, periodically making a determination of whether said an unauthorized interruption of said communication has occurred; and
a second alarm driven by said host computer to broadcast an indication of said

unauthorized interruption in dependence upon said determination.

13. A container manager, comprising:

a housing comprised of a plurality of sidewalls bearing a removable lid, forming a container having a closed interior while said lid is in complete engagement with said housing, and providing an open interior able to removably receive items within said open interior while said lid is dislodged from said complete engagement;

a port mounted within said housing to receive data signals; a control stage comprised of a memory storing information specific to said container, said control stage being mounted entirely within said container, being completely encased by said container during said complete engagement, and being operationally coupled to provide communication by data signals with said interior via said port, and generating an alarm signal in response to an unauthorized interruption of said communication via said port; and an alarm driven by said controller to broadcast an indication of said unauthorized interruption in response to said alarm signal.

14. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising a socket mounted within said housing providing said port.

15. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising an infrared receiver mounted within said housing providing said port.

16. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising an antenna mounted within said housing providing said port.

17. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data signals; and a data cable coupling said host computer to said port while conveying said data signals to said controller via said port.

18. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data signals; and a local area network coupling said host computer to said port while conveying said data signals to said controller via said port.

19. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data signals;
said port comprising a first antenna mounted on one of said sidewalls; data transceiver connecting said first antenna and said controller; and a second antenna driven by said host computer, operationally connecting said host computer to said first antenna while conveying said data signals to said controller via said first antenna.

20. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data signals;
an infrared transmitter driven by said host computer to broadcast an infrared signal corresponding to said data signals; and an infrared receiver mounted in one of said sidewalls, disposed to receive and convey to said controller said data signals from said infrared transmitter

21. (Currently Amended) The container manager of claim 13, further ~~comprised of~~ comprising:

a microprocessor based host computer operationally coupled to said controller via said port, generating said data key;
a first infrared transmitter and receiver driven by said host computer to broadcast an infrared signal corresponding to said data key; and
a second infrared transmitter and receiver mounted in one of said sidewalls, disposed to receive said data key from said infrared transmitter, and to transmit operational communications from said controller to said host computer via said first infrared transmitter and receiver.

22. (Currently Amended) The container manager of claim 14, further ~~comprised of~~ comprising:

said controller generating a control signal in response to occurrence of a coincidence between a data key received via said port and a data sequence obtained by said control stage in dependence upon information stored within said memory; and an electromechanical latch responding to said control signal by hindering removal of said lid From said complete engagement.

23. A container manager, comprising:

a housing comprised of a plurality of sidewalls bearing a removable lid, forming a container having a closed interior while said lid is in complete engagement with said housing, and providing an open interior able to removably receive items within said open interior while said lid is dislodged from said complete engagement; a port to receive data signals; a control stage comprised of a memory, said control stage being mounted on said container and being operationally coupled to provide communication with said interior via said port, and generating a control signal in response to occurrence of a coincidence between a data key received among said data signals via said port and a data sequence obtained by said control stage in dependence upon information stored within said memory; a microprocessor based host computer sited externally to said container, said host computer comprising a keyboard initiating formation of said data signals and a monitor driven by said host computer to visually display video images, said host computer being operationally coupled to said port and participating in said communication by generating said data signals; and an electromechanical latch disposed to engage said lid and hinder removal of said lid from said complete engagement, and to respond to said control signal by releasing said lid from said complete engagement.

24. (Currently Amended) The container manager of claim 23, further ~~comprised of~~ comprising a data cable coupling said host computer to said port.

25. (Currently Amended) The container manager of claim 24, further ~~comprised of~~ comprising a local area network

coupling said host computer to said port.

26. (Currently Amended) The container manager of claim 25, further ~~comprised of~~
comprising:

said port comprising a first antenna mounted within said container;
a data transceiver connecting said first antenna and said controller; and
a second antenna driven by said host computer, operationally connecting said host computer
to said first antenna.

27. (Currently Amended) The container manager of claim 26, further ~~comprised of~~
comprising:

an infrared transmitter driven by said host computer to broadcast an infrared signal
corresponding to said data key; and
an infrared receiver mounted in one of said sidewa3]s, disposed to receive said data key from
said infrared transmitter.

28. (Currently Amended) The container manager of claim 27, further ~~comprised of~~
comprising:

a first infrared transmitter and receiver driven by said host computer to broadcast an infrared
signal corresponding to said data key; and
a second infrared transmitter and receiver mounted in one of said sidewalls, disposed to
receive said data key From said infrared transmitter, and to transmit operational
communications from said controller to said host computer via said first infrared transmitter
and receiver.

29. A container manager, comprising:

a housing comprised of a plurality of sidewalls bearing a removable lid, forming a container
having a closed interior while said lid is n complete engagement with said housing, said
housing providing an open interior able to removably receive items within said open interior
while
said lid is dislodged from said complete engagement;
a port exposed through said housing to receive data signals;

a control stage comprised of a memory, said control stage being mounted on said container and being operationally coupled to provide communication by data signals with said interior via said port;

a microprocessor based host computer sited externally to said container, said host computer comprising a keyboard initiating formation of said data signals and a monitor driven by said host computer to visually display video images, said host computer being operationally coupled to said port and participating in said communication by generating said data signals; and

an alarm driven in response to an unauthorized interruption of said communication via said port to broadcast an indication of said unauthorized interruption in response to said alarm signal.

30. (Currently Amended) The container manager of claim 29, further ~~comprised of~~ comprising:

said controller generating an alarm signal in response to an unauthorized interruption of said communication via said port; and

said alarm being driven by said control stage to broadcast an indication of said unauthorized interruption in response to said alarm signal.

31. (Currently Amended) The container manager of claim 29, further ~~comprised of~~ comprising:

said host computer periodically making a determination while operationally coupled to said controller via said port of whether said an unauthorized interruption of said communication has occurred; and

an alarm driven by said host computer to broadcast an indication of said unauthorized interruption in dependence upon said determination.

32. (Currently Amended) The container manager of claim 29, further ~~comprised of~~ comprising:

said controller generating an alarm signal in response to an unauthorized interruption of said communication via said port;

a first alarm driven by said host computer to broadcast an indication of said unauthorized interruption in response to said alarm signal;

said host computer periodically making a determination while operationally coupled to said controller via said port, of whether said an authorized interruption of said communication has occurred; and

a second alarm driven by said host computer to broadcast an indication of said unauthorized interruption in dependence upon said determination.

33. (Currently Amended) The container manager of claim 29, further ~~comprised of~~ comprising:

said data signals exhibiting a first wavelength, and said data signals exhibiting a second and different wavelength carrier signal; and

said port being plug coupleable to said control stage, and comprising a receiver stage converting said data signals into input signals exhibiting said second wavelength, and a transmitter stage converting said data signals into output signals exhibiting said first wavelength.

34. (Currently Amended) The container manager of claim 29, with said port ~~comprised of~~ comprising:

a first unit that is plug coupleable to said control stage when said data signals received by said port exhibit a first wavelength and said data signals provided by said control stage exhibit a second and different wavelength carrier signal, said first unit comprising a receiver stage converting said data signals received by said port into input signals exhibiting said second wavelength, and

a transmitter stage converting said data signals provided by said control stage into output signals exhibiting said first wavelength; and

a second unit that is plug coupleable to said control stage and interchangeable with said first unit to provide a data connection between said control stage and said host computer when said data signals received by said port exhibit the same wavelength as said data signals provided by said control stage.

35. A container manager, comprising:

a housing composed of a plurality of sidewalls bearing a removable lid, forming a container having a closed interior while said lid is in complete engagement with said housing, and

providing an open interior able to removably receive items within said open interior while said lid is dislodged from said complete engagement;
a source of an input signal representing a first class of information, mounted upon and borne by said housing;
a port borne by said housing to accommodate conduction of transmission of data signals through said housing;
a control stage comprised of a memory storing a second class of information specific to said container, said control stage being mounted entirely within and being completely encased by said container during said complete engagement, and being operationally coupled to provide communication with said interior via said port, and generating a control signal in dependence upon disposition of said port relative to an origin of said data signals, in dependence upon said information represented by said input signal, and in response to occurrence of a coincidence between a data key received among said data signals via said port and a data sequence obtained by said control stage in dependence upon said information stored within said memory; and
a latch mounted on said housing and disposed to engage said lid and hinder removal of said lid from said complete engagement, and to respond to said control signal by releasing said lid from said complete engagement.

36. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said source detecting movement of said lid, and said first class of information indicating said movement.

37. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said source detecting a position of said lid, and said first class of information indicating said position.

38. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said control stage generating said control signal in response to instructions received by said control stage from a host computer independently of said disposition of said port, independently of said information represented by said input signal, and independently of said occurrence of coincidence.

39. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said control stage generating said control signal in dependence of said disposition of said port, in dependence of said information represented by said input signal, in dependence of said occurrence of coincidence, and in response to instructions received by said control stage from a host computer coupled to said port.

40. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said container being transportable between an origin and a destination, and said data key being encoded and being available only at destination.

41. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said container being transportable between an origin and a destination, and said data key being encoded and being transmitted to said port from said origin.

42. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said container being transportable between an origin and a destination, and said data key being encoded and being available only at destination.

43. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising a microprocessor based host computer operationally coupled to said controller via said port, generating said data signals.

44. (Currently Amended) The container manager of claim 44, further ~~comprised of~~ comprising said host computer comprising a cellular telephone bearing a graphical user interface.

45. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising some or all of said data signals being transmitted across or received one of an Internet and a wide area network.

46. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said data signals comprising one of an e-mail packet and an attachment to an e-mail message.

47. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said information represented by said source comprising a global location of the container, and said control stage generating said control signal in dependence of said disposition of said port, in dependence of said information represented by said input signal, and in dependence of said occurrence of coincidence.

48. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said container being transportable between an origin and a destination, and a user at one of said origin and said destination requests via a network a request for some part of said data key.

49. (Currently Amended) The container manager of claim 36, further ~~comprised of~~ comprising said container being transportable between an origin and a destination, and said second class of information is installed at said origin comprises biometric data matching a person of a human user of said container and said coincidence must be made with biometric data matching said person at said destination.

50. The container manager of claim 36, where components of said data signals may result in the configuration of container software features.

51. The container manager according to claim 36, wherein said control stage comprises a portable computer and said portable computer provides data to a host computer when said host computer is equipped with a web browser.

52. (Currently Amended) The container manager according to Claim 1, ~~to one of the claims 1 to 50~~, wherein a plurality of portable containers is releasably stored in a secured stationary room, the room having a door and a door lock.

53. The container manager according to claim 53 wherein the door lock is operationally coupled to a port to provide communication with a host computer and/or a remote control.

54. A container manager of claim 53, wherein portable containers may be electro-mechanically released.

55. A container manager of claim 36 wherein a portion of said second class of information comprises data describing the personal characteristics of a person permitted to access the interior of said container.

56. A container manager of claim 36 wherein said housing and said lid may be a housing and drawer.